



FortiGate<sup>®</sup>  
Maximum Values Table for FortiOS 5.0



## FortiGate® Maximum Values Table for FortiOS 5.0

September 9, 2013

01-500-138437-20121107

Copyright© 2013 Fortinet, Inc. All rights reserved. Fortinet®, FortiGate®, and FortiGuard®, are registered trademarks of Fortinet, Inc., and other Fortinet names herein may also be trademarks of Fortinet. All other product or company names may be trademarks of their respective owners. Performance metrics contained herein were attained in internal lab tests under ideal conditions, and performance may vary. Network variables, different network environments and other conditions may affect performance results. Nothing herein represents any binding commitment by Fortinet, and Fortinet disclaims all warranties, whether express or implied, except to the extent Fortinet enters a binding written contract, signed by Fortinet's General Counsel, with a purchaser that expressly warrants that the identified product will perform according to the performance metrics herein. For absolute clarity, any such warranty will be limited to performance in the same ideal conditions as in Fortinet's internal lab tests. Fortinet disclaims in full any guarantees. Fortinet reserves the right to change, modify, transfer, or otherwise revise this publication without notice, and the most current version of the publication shall be applicable.

Technical Documentation	<a href="http://docs.fortinet.com">docs.fortinet.com</a>
Knowledge Base	<a href="http://kb.fortinet.com">kb.fortinet.com</a>
Customer Service & Support	<a href="http://support.fortinet.com">support.fortinet.com</a>
Training Services	<a href="http://training.fortinet.com">training.fortinet.com</a>
FortiGuard	<a href="http://fortiguard.com">fortiguard.com</a>
Document Feedback	<a href="mailto:techdocs@fortinet.com">techdocs@fortinet.com</a>

# Table of Contents

<b>Change Log .....</b>	<b>4</b>
<b>About This Document .....</b>	<b>5</b>
About maximum values .....	5
About interface maximum values .....	5
Values listed as N/A .....	5
Device categories used in this document.....	6
Desktop.....	6
1U.....	6
2U.....	6
High-End .....	6
Exceptions .....	6
<b>Maximum Values Table: FortiGate/FortiWiFi .....</b>	<b>7</b>
System .....	7
Router .....	8
Firewall.....	10
Security .....	12
VPN .....	14
User & Device .....	15
WAN Optimization .....	15
Wireless Controller.....	16
Logging .....	16
<b>Maximum Values Table: FortiGate-VM .....</b>	<b>17</b>
System .....	17
Router .....	18
Firewall.....	19
Security .....	21
VPN .....	23
User & Device .....	23
WAN Optimization .....	24
Wireless Controller.....	24
Logging .....	24

# Change Log

Date	Change Description
2012-11-02	Initial Release.
2012-11-07	Corrected “Managed Wireless APs” and SSID values.
2012-11-08	Corrected Wireless Controller values and names.
2012-11-14	Corrected “Managed Wireless APs”, “DLP Sensors per VDOM”, “Virtual IP” section values.
2012-11-19	Updated “User AD Group” and “SSL Portals”. Added “Device” section to “User & Device”.
2012-11-22	Added VM0,1,2,4 details and exceptions.
2013-01-02	Added FWF SSID exception.
2013-01-30	Updated “Managed Wireless APs.”
2013-04-23	5.0.2 updates, VM categorization updates.
2013-05-07	Added “Router/Community List” and more 5.0.2 updates (DHCP, VIP, IPS, Multicast, URL Filter)
2013-06-24	Updated VIP value.
2013-07-15	Renamed “Maximum Values Table” chapter to “Maximum Values Table: FortiGate/FortiWiFi” and added “Maximum Values Table: FortiGate VM” chapter. Updated “Managed Wireless APs.”
2013-07-30	Updated Endpoint value.
2013-08-14	5.0.4 updates.
2013-09-05	Added “BGP Routes”.
2013-09-09	Corrected “Managed Wireless APs,” added note about values listed as N/A, added supported models.

# About This Document

This FortiGate maximum values document lists the maximum number of configuration objects per FortiGate, FortiWiFi and FortiGate-VM model that can be added to the configuration database for many FortiGate configuration settings.

This document is current to FortiOS version 5.0.4.



The maximum values in this document are the maximum configurable values and are not a promise of performance.

---

## About maximum values

In FortiOS 5.0, the application of the maximum values has been simplified. Previously, the values would change based on whether Virtual Domains were part of the configuration. This is no longer the case. Now, in situations where VDOMs have been enabled, the values apply per VDOM. In situations where VDOMs have not been enabled, the value applies per unit (in these cases, it can be considered that the unit has one single VDOM, with a single set of maximum values).

For example, a FortiGate-60C has the maximum value of 500 firewall addresses, which will be the maximum number of addresses that can be created if VDOMs are not enabled. However, if all ten VDOMs are configured, then each VDOM could have 500 addresses, giving  $500 \times 10 = 5000$  addresses in total.

For information about global and per-VDOM features, see the Virtual Domains chapter in the [FortiOS Handbook](#).

## About interface maximum values

For all FortiGate models, a virtual domain in transparent mode can have a maximum of 255 interfaces. This includes VLANs, other virtual interfaces, and physical interfaces.

Virtual domains in NAT/Route mode can have from 255 to 8192 interfaces depending on the FortiGate model. This total number of interfaces also includes VLANs, other virtual interfaces, and physical interfaces.

## Values listed as N/A

When a value in the table is listed as N/A, it means that there is no hard limit and the only limitation is the memory capabilities of the FortiGate unit.

## Device categories used in this document

This document contains two tables: [Maximum Values Table: FortiGate/FortiWiFi](#) and [Maximum Values Table: FortiGate-VM](#).

In the FortiGate and FortiWiFi table, the listed devices are divided into four categories: Desktop, 1U, 2U and High-End. The four categories correspond to a specific subset of the available FortiGate and FortiWiFi units, divided by model number. Below are the categories, with complete lists of supported models.

### Desktop

Units with model numbers less than 100. Most of the FortiWiFi units are in this category.

- FG-20C, FG-20C-ADSL-A, FG-30D, FG-40C, FG-60C, FG-60C-POE, FG-60D, FG-80C, FG-80CM, FG-90D, FGT-90D-POE
- FWF-20C, FWF-20C-ADSL-A, FWF-30D, FWF-40C, FWF-60C, FWF-60CM, FWF-60CX-ADSL-A, FWF-60D, FWF-80CM, FWF-81CM, FWF-90D, FWF-90D-POE

### 1U

Units with model numbers from 100 to 800.

- FGR-100C, FG-100D, FG-110C, FG-111C, FG-140D, FG-140D-POE, FG-140D-POE-T1, FG-200B, FG-200B-POE, FG-200D, FG-240D, FG-300C, FG-310B, FG-310B-DC, FG-311B, FG-600C, FG-620B, FG-620B-DC, FG-621B, FG-800C

### 2U

Units with model numbers from 1000 up to 3900.

- FG-1000C, FG-1240B, FG-3016B, FG-3040B, FG-3140B, FG-3240C, FG-3810A

### High-End

Units with model numbers above 3900.

- FG-3950B, FG-3951B, FG-5001A, FG-5001B, FG-5001C, FG-5101C
- FSW\_5203B

## Exceptions

Some models have certain values that are higher than others in their category. Such exceptions are noted in the table by an asterisk ( \* ), and an explanation at the right.

**\*300+: 5000** means that all models in that category with a model number including or higher than 300 have a maximum value of 5000 in that feature as opposed to the number listed for others in that category. So “300+” means that the 300C, 310B, and so on up to the 800C have the exception’s listed value.

The above list is in increasing order of model number, so consult it if you are unsure which models are included.

# Maximum Values Table: FortiGate/FortiWiFi

FortiGate/FortiWiFi Model		Desktop ( <b>&lt;100</b> )	1U ( <b>100-800</b> )	2U ( <b>1000-3900</b> )	High-End ( <b>3900+</b> )	Notes and Exceptions
Feature						
System						
Admin	Access Profiles	8	16*	64	64	*FGR-100C: 8
	Admin Accounts	300	300	300	550	
ARP	ARP Proxy	200				
	ARP table size	2000	10240	16834	16834	
DHCP	DHCP address range	3				
	DHCP exclude ranges	4	16*	16	16	*FGR-100C: 4
	DHCP reserved addresses	200				
	DHCP servers per VDOM	32	256	1024	4192	
	GRE tunnels	See maximum values for system interfaces.				
	Interfaces (VLAN + physical) per VDOM	256	4096*	8192	8192	*FGR-100C: 256 *300+: 8192
	IPS URL Filter DNS	5				
IPv6	IPv6 prefix lists per interface	32				
	IPv6 tunnels	4				
	MAC Address table size	200				
Messages	Replacement Message group	200				
	Replacement Message images	7	15	30	30	
	Secondary IP Addresses per Interface	32				
	Session-helper	32	32	256	256	
	Session-TTL ports	512				
	SIT tunnels	4				
SNMP	SNMP Communities	3				
	SNMP Community hosts	8				
	SNMP Users	32				

FortiGate/FortiWiFi Model		Desktop ( <b>&lt;100</b> )	1U ( <b>100-800</b> )	2U ( <b>1000-3900</b> )	High-End ( <b>3900+</b> )	Notes and Exceptions
Feature						
	TOS-based priority	16				
	VDOM link	See maximum values for system interfaces.				
	Wifi MAC Address List Entries	256				
	Zones	20	50*	200	500	FGR-100C: 20 *300+: 100 *620+: 200
Router						
Access List	Access List Entries	32	100*	100	100	*FGR-100C: 32
	Access List Rules per Entry	128	256*	256	512	*FGR-100C: 128
	Authentication Paths	N/A				
BGP	Aggregate Addresses	N/A				
	Confederation Peers	N/A				
	Neighbors	1000	1000	5000	5000	
	Networks	N/A				
	Redistribution Tables per VDOM	100				
	Routes	N/A				
	Community Lists	64	512	2048	2048	
Keychain	Keychain entries	16	16	100	100	
	Keychain Rules per Entry	20				



FortiGate/FortiWiFi Model		Desktop (<100)	1U (100-800)	2U (1000-3900)	High-End (3900+)	Notes and Exceptions
Feature						
OSPF	Areas	N/A				
	Area Range	N/A				
	Distribute Lists	10				
	Filter Lists	N/A				
	Interfaces	N/A				
	Neighbors	10				
	Networks	N/A				
	Passive Interfaces	N/A				
	Redistribution Tables per VDOM	100				
	Summary Addresses	10				
	Virtual Links	N/A				
	Policy routes	100	100*	250	2048	*300+: 250
Prefix List	Prefix List Entries	32	100*	100	100	*FGR-100C: 32
	Prefix List Rules per Entry	64				
RIP	Distances	100				
	Distribute Lists	100				
	Interfaces	32				
	Neighbors	100				
	Networks	100				
	Offset Lists	32				
	Passive Interfaces	256	300*	300	300	*FGR-100C: 256
	Redistribution Tables per VDOM	100				
Routes	Route Map	100				
	Route Rules	20				
	Static Routes	100	500*	10000	10000	*FGR-100C: 100
	Static Routes (IPv6)	8	500*	500	500	*FGR-100C: 8

FortiGate/FortiWiFi Model		Desktop ( <b>&lt;100</b> )	1U ( <b>100-800</b> )	2U ( <b>1000-3900</b> )	High-End ( <b>3900+</b> )	Notes and Exceptions
Feature						
Firewall						
Addresses	Address Groups	2500	2500	8192	8192	
	Addresses	5000	10000	40000	40000	
	Addresses per Group	300				
	Central NAT Table Entries	1024	1024	10000	10000	
	Custom Log Fields per Policy	5	5	5	5	
	Custom Services	1024	1024	1024	4096	
	DNS Translations	32	32*	1024	1024	*300+: 512 *800+: 1024
	ISF ACL	N/A				
	IP Pools	512	512*	2048	32768	*300+: 2048
IPv6	IPv6 Address Groups	2500	8192	8192	8192	
	IPv6 Addresses	5000	10000	40000	40000	
	IPv6 Policies	5000	10000	100000	100000	
	Load Balancing Monitor	256	256	256	512	
	Member per Service Group	300				
	Multicast Addresses	512	1024	4096	4096	
	Multicast Policies	32	64*	128	256	*FGR-100C: 32 *300+: 128
	One-time Schedules	256				
Policies	Policies	5000	10000	100000	100000	
	Policy Pool Names	64				
	User Groups per Identity Policy	100	500	800	800	

FortiGate/FortiWiFi Model						Notes and Exceptions
Feature		Desktop (<100)	1U (100-800)	2U (1000-3900)	High-End (3900+)	
	Predefined Services	500	500	500	500	
	Profile Groups	32	32*	20000	20000	*300+: 500 *800+: 20000
	Protocol Options Profiles	32	32	500	500	
	Recurring Schedules	256				
	Service Groups	500	500	500	1000	
	Static IP/Mac Bindings	256	1000	1000	1000	
Traffic Shaping	Traffic Shapers per IP	32	32*	500	500	*300+: 500
	Traffic Shapers	32	32*	500	500	*300+: 500
Virtual IP	Addresses per Virtual IP Group	128	512	2048	2048	
	Virtual IPs	512	2048	10000	10000	
	Virtual IP servers	4	8	32	32	
	Virtual IP groups	500				

FortiGate/FortiWiFi Model		Desktop ( <b>&lt;100</b> )	1U ( <b>100-800</b> )	2U ( <b>1000-3900</b> )	High-End ( <b>3900+</b> )	Notes and Exceptions
Feature						
Security						
AntiSpam	Banned Word List Entries	20000	32000*	50000	250000	*300+: 50000
	Banned Word Lists	10	10*	1000	2000	*300+: 1000
	DNS Blacklist Entries	20000	32000*	50000	250000	*300+: 50000
	DNS Blacklists	10	10*	1000	2000	*300+: 1000
	Filter Profiles	32	32*	500	500	*300+: 500
	IP Black/White List Entries	40000	64000*	100000	500000	*300+: 100000
	IP Black/White Lists	20	20*	2000	4000	*300+: 2000
	MIME Header List Entries	20000	32000*	50000	250000	*300+: 50000
	MIME Header Lists	10	10*	1000	2000	*300+: 1000
	Trusted IP Address List Entries	20000	32000*	50000	250000	*300+: 50000
	Trusted IP Address Lists	10	10*	1000	2000	*300+: 1000
AntiVirus	Antivirus Content Types	10	10*	1000	2000	*300+: 1000
	Antivirus Content Type Entries	128				
	Antivirus Profiles	32	32*	500	500	*300+: 500
	File patterns for auto-submission to Fortinet	20				
<u>Application Control</u>	Application Control Lists	10	64	1000	1000	
Data Leak Prevention	DLP File Patterns	200	1000	5000	12500	
	DLP File Pattern Entries	20000	32000*	50000	250000	*300+: 50000
	Filters per Sensor	100	2000	10000	50000	
	Sensors per VDOM	25	64	1000	1500	
	Sensitivity ratings per VDOM	128	128	128	128	

FortiGate/FortiWiFi Model						Notes and Exceptions
Feature		Desktop (<100)	1U (100-800)	2U (1000-3900)	High-End (3900+)	
Intrusion Protection	Custom IPS signatures	256				
	DoS sensors	32				
	IPS Sensor Override per Exempt IP	8				
	IPS sensors	10	64	1000	1000	
	Quarantined IPs	20-50: 150, 60-80: 400, 100: 800 110C-100D: 4000, 200: 1500 300-400: 4000, 500-800: 15000, 1000+: 40000				
Netscan	Network Vulnerability Scan Assets	200	1000*	2000	65535	*300+: 2000
	Reputation Profile Packet Location	10				
Web Filter	Content Block Lists	10	10*	1000	2000	*800+: 1000
	Content Block List Entries	20000	32000*	50000	250000	*300+: 50000
	Content Exempt Lists	10	10*	1000	2000	*300+: 1000
	Content Exempt List Entries	20000	32000*	50000	250000	*300+: 50000
	FortiGuard local catalog per VDOM	52				
	FortiGuard local ratings per VDOM	2000	12000	12000	12000	
	FortiGuard Warning	50	200*	400	400	*300+: 400
	Profile Keyword Matches	64				
	Regex URL Filter List Entries per VDOM	1000	4000*	10000	10000	*300+: 10000
	URL Filter List Entries	20000	32000*	250000	250000**	*FGR-100C: 20000 *300+: 50000 **5000+: 500000
	URL Filter Lists	10	32	1000	1000	
	Webfilter Overrides	50	200*	400	400	*300+: 400
	Webfilter Profiles	32	32*	20000	20000	*300+: 20000

FortiGate/FortiWiFi Model		Desktop (<100)	1U (100-800)	2U (1000-3900)	High-End (3900+)	Notes and Exceptions
Feature						
VPN						
Certificates	CA Certificates	200				
	CRL Certificates	200				
	Local Certificates	200	200*	500	1000	*300+: 500
IPSec	IPSec Concentrators	500				
	IPSec Tunnels per Concentrator	100	300*	300	300	*FGR-100C: 160
	IPSec Manual Keys	5050	2000	2000	2000	
	IPSec Manual Keys Interface	N/A				
	IPSec Phase 1	200	2000	10000	10000	
	IPSec Phase 1 Interface	N/A				
	IPSec Phase 2	200	2000	10000	10000	
	IPSec Phase 2 Interface	N/A				
SSL	SSL Portals	1*	50	256	256	*60+: 5
	SSL Web Bookmarks per Portal	256				
	SSL Web Bookmarks per User	128				

FortiGate/FortiWiFi Model		Desktop ( <b>&lt;100</b> )	1U ( <b>100-800</b> )	2U ( <b>1000-3900</b> )	High-End ( <b>3900+</b> )	Notes and Exceptions
Feature						
User & Device						
User	AD Groups per Domain	256	256	1024	8192	
	FortiTokens	100	1000	1000	5000	
	FSSO Servers	5				
	Guest Users	500	500	500	1024	
	LDAP Servers	10				
	Local Users	500	1000	1000	5000	
	Members per User Group	350	350	350	350	
	Peers	500	1000	1000	5000	
	RADIUS Accounting Servers	4				
	RADIUS Servers	10				
	SMS Providers	10				
	TACACS+ Servers	10				
	User Groups	100	500	800	800	
Device	Devices	200*	2000	8000	8000	*20C-40C: 10
Endpoint	Endpoint Control Profiles	32				
WAN Optimization						
Note: WAN optimization is supported only on FortiGate models with internal storage.						
	Authentication groups	16	32*	64	128	*FGR-100C: 16 *300+: 64
	Peers	32	64*	256	256	*FGR-100C: 32 *300+: 128
	Profiles	32	64*	256	256	*FGR-100C: 32 *300+: 128
	SSL servers	32	64*	128	256	*FGR-100C: 32 *300+: 128
	Web cache exempt lists	256				

FortiGate/FortiWiFi Model		Desktop ( <b>&lt;100</b> )	1U ( <b>100-800</b> )	2U ( <b>1000-3900</b> )	High-End ( <b>3900+</b> )	Notes and Exceptions
Feature						
Wireless Controller						
	Managed Wireless APs in Tunnel or Local Bridge mode	20C: 0. 40C-60C: 5. 80C: 16. 100D-200B: 32. 300C-311B: 256. 600C: 512. 620B-621B: 256. 800C: 512. 1000C+: 1024.				
	Additional Managed Wireless APs in Local Bridge mode	20C: 0. 40C-60C: 5. 80C: 16. 100D-200B: 32. 300C-311B: 256. 600C: 512. 620B-621B: 256. 800C: 512 1000C+: 3045.				
SSIDs	FortiGate Unit SSIDs	32*	256	1024	1024	*20C: 0
	FortiWifi/FortiAP Unit SSIDs	8 per Wifi Radio				
	SSID List per Wireless AP	16				
	Custom AP Profile MAC Deny List Entries	256				
	Custom AP Profiles	128				
Logging						
Logs	Custom Log Fields per Policy	5				
	Log Traffic Filter Rules	50				
Reports	Body Items per Layout	256				
	Chart Mapping	8				
	Charts	256	256*	320	320	*800+: 320
	Datasets	256	256*	320	320	*800+: 320
	Fields per Dataset	32				
	Footers per page per layout	2				
	Headers per page per layout	2				
	Layouts	16	16*	32	32	*800+: 32
	Styles	128	128*	256	256	*800+: 256
	Summaries	16	16*	32	32	*800+: 32
Themes	8	8*	16	16	*800+: 16	



# Maximum Values Table: FortiGate-VM

FortiGate-VM Model						
Feature		VM00	VM01	VM02	VM04	VM08
<b>System</b>						
Admin	Access Profiles	16	16	16	16	64
	Admin Accounts	300	300	300	300	550
ARP	ARP Proxy	200				
	ARP table size	10240	10240	10240	10240	16834
DHCP	DHCP address range	3				
	DHCP exclude ranges	16				
	DHCP reserved addresses	200				
	DHCP servers per VDOM	256	256	256	256	4192
	Interfaces (VLAN + physical) per VDOM	4096	8192	8192	8192	8192
	IPS URL Filter DNS	5				
IPv6	IPv6 prefix lists per interface	32				
	IPv6 tunnels	4				
	MAC Address table size	200				
Messages	Replacement Message group	200				
	Replacement Message images	15	15	15	15	30
	Secondary IP Addresses per Interface	32				
	Session-helper	32	256	256	256	256
	Session-TTL ports	512				
	SIT tunnels	4				
SNMP	SNMP Communities	3				
	SNMP Community hosts	16				
	SNMP Users	32				
	TOS-based priority	16				
	WiFi MAC Address List Entries	256				
	Zones	50	100	200	200	500

FortiGate-VM Model						
Feature		VM00	VM01	VM02	VM04	VM08
<b>Router</b>						
Access List	Access List Entries	100				
	Access List Rules per Entry	256	256	256	256	512
BGP	Neighbors	1000	1000	1000	1000	5000
	Redistribution Tables per VDOM	100				
	Community Lists	512	512	512	512	2048
Keychain	Keychain entries	16	16	16	16	100
	Keychain Rules per Entry	20				
OSPF	Neighbors	10				
	Summary Addresses	25				
	Distribute Lists	10				
	Redistribution Tables per VDOM	100				
	Policy routes	100	250	250	250	2048
Prefix List	Prefix List Entries	100				
	Prefix List Rules per Entry	64				
RIP	Distances	100				
	Distribute Lists	100				
	Interfaces	32				
	Neighbors	100				
	Networks	100				
	Offset Lists	32				
	Passive Interfaces	300				
	Redistribution Tables per VDOM	100				
Routes	Route Map	100				
	Route Rules	20				
	Static Routes	500	500	500	500	10000
	Static Routes (IPv6)	500				

FortiGate-VM Model						
Feature		VM00	VM01	VM02	VM04	VM08
<b>Firewall</b>						
Addresses	Address Groups	2500	2500	2500	2500	8192
	Addresses	10000	10000	10000	10000	40000
	Addresses per Group	300				
	Central NAT Table Entries	1024	1024	1024	1024	10000
	Custom Log Fields per Policy	5				
	Custom Services	1024	1024	1024	4096	4096
	DNS Translations	32	512	512	512	1024
	ISF ACL	0	0	0	0	512
	IP Pools	512	1024	2048	2048	32768
IPv6	IPv6 Address Groups	8192				
	IPv6 Addresses	10000	10000	10000	10000	40000
	IPv6 Policies	10000	10000	10000	10000	100000
	Load Balancing Monitor	256	256	256	512	512
	Member per Service Group	300				
	Multicast Addresses	1024	1024	1024	1024	4096
	Multicast Policies	64	128	128	256	256
	One-time Schedules	256				
Policies	Policies	10000	10000	10000	10000	100000
	Policy Pool Names	64				
	User Groups per Identity Policy	500	500	500	500	800
	Predefined Services	500				
	Profile Groups	32	500	20000	20000	20000
	Protocol Options Profiles	32	500	500	500	500
	Recurring Schedules	256				
	Service Groups	500	500	500	500	1000
	Static IP/Mac Bindings	1000				

FortiGate-VM Model						
Feature		VM00	VM01	VM02	VM04	VM08
Traffic Shaping	Traffic Shapers per IP	32	500	500	500	500
	Traffic Shapers	32	500	500	500	500
Virtual IP	Addresses per Virtual IP Group	512	512	512	512	2048
	Virtual IPs	2048	2048	2048	2048	10000
	Virtual IP servers	8	8	8	8	32
	Virtual IP groups	500				

FortiGate-VM Model						
Feature		VM00	VM01	VM02	VM04	VM08
<b>Security</b>						
AntiSpam	Banned Word List Entries	10	1000	1000	2000	2000
	Banned Word Lists	20	2000	2000	4000	4000
	DNS Blacklist Entries	32000	50000	50000	250000	250000
	DNS Blacklists	10	1000	1000	2000	2000
	Filter Profiles	32	500	500	500	500
	IP Black/White List Entries	64000	100000	100000	500000	500000
	IP Black/White Lists	20	2000	2000	4000	4000
	MIME Header List Entries	32000	50000	50000	250000	250000
	MIME Header Lists	10	1000	1000	2000	2000
	Trusted IP Address List Entries	32000	50000	50000	250000	250000
	Trusted IP Address Lists	10	1000	1000	2000	2000
AntiVirus	Antivirus Content Types	10	1000	1000	2000	2000
	Antivirus Content Type Entries	128				
	Antivirus Profiles	32	500	500	500	500
	File patterns for auto-submission to Fortinet	20				
Application Control	Application Control Lists	64	64	64	64	1000
Data Leak Prevention	DLP File Patterns	1000	1000	1000	1000	12500
	DLP File Pattern Entries	32000	50000	50000	250000	250000
	Filters per Sensor	2000	2000	2000	2000	50000
	Sensors per VDOM	64	64	64	64	1500
	Sensitivity ratings per VDOM	128				
Intrusion Protection	Custom IPS signatures	256				
	DoS sensors	32				
	IPS Sensor Override per Exempt IP	8				
	IPS sensors	64	64	64	64	1000
	Quarantined IPs	4000	4000	15000	40000	40000

FortiGate-VM Model						
Feature		VM00	VM01	VM02	VM04	VM08
Netscan	Network Vulnerability Scan Assets	1000	2000	2000	2000	65535
	Reputation Profile Packet Location	10				
Web Filter	Content Block Lists	10	10	1000	1000	2000
	Content Block List Entries	32000	50000	50000	250000	250000
	Content Exempt Lists	10	1000	1000	1000	2000
	Content Exempt List Entries	32000	50000	50000	250000	250000
	FortiGuard local catalog per VDOM	52				
	FortiGuard local ratings per VDOM					
	FortiGuard Warning	200	400	400	400	400
	Profile Keyword Matches	64				
	Regex URL Filter List Entries per VDOM	4000	10000	10000	10000	10000
	URL Filter List Entries	32000	50000	50000	500000	500000
	URL Filter Lists	32	32	32	32	1000
	Webfilter Overrides	200	400	400	400	400
	Webfilter Profiles	32	20000	20000	20000	20000

FortiGate-VM Model						
Feature		VM00	VM01	VM02	VM04	VM08
VPN						
Certificates	CA Certificates	200				
	CRL Certificates	200				
	Local Certificates	200	500	500	1000	1000
IPSec	IPSec Concentrators	500				
	IPSec Tunnels per Concentrator	300				
	IPSec Manual Keys	2000				
	IPSec Phase 1	2000	2000	2000	2000	10000
	IPSec Phase 2	2000	2000	2000	2000	10000
SSL	SSL Portals	50	50	50	50	256
	SSL Web Bookmarks per Portal	256				
	SSL Web Bookmarks per User	128				
User & Device						
User	AD Groups per Domain	256	1024	1024	8192	8192
	FortiTokens	1000	1000	1000	5000	5000
	FSSO Servers	5				
	Guest Users	500	500	500	1024	1024
	LDAP Servers	10				
	Local Users	1000	1000	1000	5000	5000
	Members per User Group	350				
	Peers	1000	1000	1000	5000	5000
	RADIUS Accounting Servers	4				
	RADIUS Servers	10				
	SMS Providers	10				
	TACACS+ Servers	10				
	User Groups	500	500	500	500	800
Device	Devices	2000	2000	2000	2000	8000
Endpoint	Endpoint Control Profiles	32				

FortiGate-VM Model						
Feature		VM00	VM01	VM02	VM04	VM08
WAN Optimization						
	Authentication groups	32	64	64	128	128
	Peers	64	128	128	256	256
	Profiles	64	128	128	256	256
	SSL servers	64	128	128	256	256
	Web cache exempt lists	256				
Wireless Controller						
	Managed Wireless APs in Tunnel or Local Bridge mode	32	32	256	256	1024
	Additional Managed Wireless APs in Local Bridge mode	32	32	256	256	3045
SSIDs	FortiGate Unit SSIDs	256	256	256	256	1024
	FortiWifi/FortiAP Unit SSIDs	8 per WiFi Radio				
	SSID List per Wireless AP	16				
	Custom AP Profile MAC Deny List Entries	256				
	Custom AP Profiles	128				
Logging						
Logs	Custom Log Fields per Policy	5				
	Log Traffic Filter Rules	50				



FortiGate-VM Model						
Feature		VM00	VM01	VM02	VM04	VM08
Reports	Body Items per Layout	256				
	Chart Mapping	8				
	Charts	256	256	320	320	320
	Datasets	256	256	320	320	320
	Fields per Dataset	32				
	Footers per page per layout	2				
	Headers per page per layout	2				
	Layouts	16	16	32	32	32
	Styles	128	128	256	256	256
	Summaries	16	16	32	323	32
	Themes	8	8	16	16	16